

FORM PTO-1449	U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE	ATTY. DOCKET NO. SRSLABS.323A	APPLICATION NO. Unknown
INFORMATION DISCLOSURE STATEMENT BY APPLICANT  (USE SEVERAL SHEETS IF NECESSARY)		APPLICANT Kraemer et al.	
		FILING DATE Herewith	GROUP Unknown

U.S. PATENT DOCUMENTS							
EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE (IF APPROPRIATE)
/PL/		3,541,266	11/17/70	Klayman, et al.			
		4,239,937	12/16/80	Kampman			
		4,239,939	12/16/80	Griffis			
		4,308,424	12/29/81	Bice, Jr.			
		4,394,535	7/19/83	Bingham, et al.			
		4,479,235	10/23/84	Griffis			
		4,489,432	12/18/84	Polk			
		4,496,979	1/29/85	Yu, et al.			
		4,594,610	6/10/86	Patel			
		4,594,730	6/10/86	Rosen			
		4,625,326	11/25/86	Kitzen, et al.			
		4,633,495	12/30/86	Shotz			
		4,685,134	8/4/87	Wine			
		4,706,287	11/10/87	Blackmer			
		4,748,669	5/31/88	Klayman			
		4,819,269	4/4/89	Klayman			
		4,836,329	6/6/89	Klayman			
		4,841,572	6/20/89	Klayman			
		4,866,774	9/12/89	Klayman			
		5,319,713	6/7/94	Waller, Jr., et al.			
		5,333,201	7/26/94	Waller, Jr.			
		5,459,813	10/17/95	Klayman			
		5,638,452	6/10/97	Waller, Jr.			
		5,661,808	8/26/97	Klayman			
		5,771,295	6/23/98	Waller, Jr.			
		5,784,468	7/21/98	Klayman			
		5,850,453	12/15/98	Klayman, et al.			
		5,892,830	4/6/99	Klayman			

EXAMINER	/Ping Lee/	DATE CONSIDERED	07/26/2007
*EXAMINER: INITIAL IF CITATION CONSIDERED, WHETHER OR NOT CITATION IS IN CONFORMANCE WITH MPEP 609; DRAW LINE THROUGH CITATION IF NOT IN CONFORMANCE AND NOT CONSIDERED. INCLUDE COPY OF THIS FORM WITH NEXT COMMUNICATION TO APPLICANT.			

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U.S. PATENT DOCUMENTS							
EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE (IF APPROPRIATE)
/PL/		5,912,976	6/15/99	Klayman, et al.			
		5,970,152	10/19/99	Klayman			
		6,281,749	8/28/01	Klayman, et al.			
		6,285,767	9/4/01	Klayman			
		6,590,983	7/8/03	Kraemer			
		6,597,791	7/22/03	Klayman			

FOREIGN PATENT DOCUMENTS								
EXAMINER INITIAL		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
							YES	NO

EXAMINER INITIAL	OTHER DOCUMENTS (INCLUDING AUTHOR, TITLE, DATE, PERTINENT PAGES, ETC.)
/PL/	Schroeder, M.R., "An Artificial Stereophonic Effect Obtained from a Single Audio Signal", Journal of the Audio Engineering Society, Volume 6, Number 2, pp. 74-79, April, 1958.
/PL/	Kurozumi, K., et al., "A New Sound Image Broadening Control System Using a Correlation Coefficient Variation Method", Electronics and Communications in Japan, Volume 67-A, No. 3, pp. 204-211, March, 1984.
/PL/	Sundberg, J., "The Acoustics of the Singing Voice", The Physics of Music, pp. 16-23, 1978.
/PL/	Ishihara, M., "A New Analog Signal Processor For A Stereo Enhancement System", IEEE Transactions on Consumer Electronics, Vol. 37, No. 4, pp. 806-813, November, 1991.
/PL/	Allison, R., "The Loudspeaker/Living Room System", Audio, pp. 18-22, November, 1971.
/PL/	Vaughan, D., "How We Hear Direction", Audio, pp. 51-55, December, 1983.
/PL/	Stevens, S., et al., "Chapter 5: The Two-Eared Man", Sound and Hearing, pp. 98-106 and 196, 1965.
/PL/	Eargle, J., "Multichannel Stereo Matrix Systems: An Overview", Journal of the Audio Engineering Society, pp. 552-558.
/PL/	Stock, G., "The New Featherweight Headphones" Audio, pp. 30-32, May, 1981.
/PL/	Gilman, S., "Some Factors Affecting the Performance of Airline Entertainment Headsets", Journal of Audio Engineering Society, Vol. 31, No.12, pp. 914-920, December, 1983.
/PL/	Dickey, R., "Outputs of Op-Amp Networks Have Fixed Phase Difference", pp. 129-130.

EXAMINER	DATE CONSIDERED
*EXAMINER: INITIAL IF CITATION CONSIDERED, WHETHER OR NOT CITATION IS IN CONFORMANCE WITH MPEP 609; DRAW LINE THROUGH CITATION IF NOT IN CONFORMANCE AND NOT CONSIDERED, INCLUDE COPY OF THIS FORM WITH NEXT COMMUNICATION TO APPLICANT.	

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		FILING DATE Herewith	GROUP Unknown

EXAMINER INITIAL	OTHER DOCUMENTS (INCLUDING AUTHOR, TITLE, DATE, PERTINENT PAGES, ETC.)
/PL/	Sakamoto, N., et al., "On the Advanced Stereophonic Reproducing System Ambience Stereo", Audio Engineering Society Preprint No. 1361 (G-3), presented at the 670 <sup>th</sup> Convention, May 2-5, 1978, Los Angeles.
/PL/	National Radio Systems Committee, "Specification of the Radio Broadcast Data System (RBDS)," United States RBDS Standard, pp. 1-132, January 8, 1993.
/PL/	Wilson, Kim, "AC-3 Is Here! But Are You Ready To Pay The Price?", Home Theater, pp. 60-65, June, 1995.
/PL/	Audio Cyclopedia, p. 1092, 1979.
/PL/	Kaufman, Richard J., "Frequency Contouring For Image Enhancement", Audio, pp. 34-39, February, 1985.
/PL/	Philips Components, "Integrated Circuits Data Handbook: Radio, audio and associated systems, Bipolar, MOS, CA 3089 to TDA1510A" October 7, 1987, pp. 103-110.
/PL/	Kawano, et al., "Development of the Virtual Sound Algorithm", IEEE, p. 1189-1193, June 17, 1998.
/PL/	Coatzee, et al., "An LSP Based Speech Quality Measure", ICASSP-89, Vol. 1, pp. 596-599, May 23-26, 1989.
/PL/	Lim, "Enhancement and Bandwidth Compression of Noisy Speech", Proceedings of the IEEE, Vol. 67, No. 12, pp. 1586-1605, December, 1979.
/PL/	Conway, et al., "Evaluation of a Technique Involving Processing with Feature Extraction to Enhance the Intelligibility of Noise-Corrupted Speech", IECON '90 Conference of IEEE Industrial Electronics Society, Vol. 1, pp. 28-33, November 27-30, 1990.
/PL/	Conway, et al., "Adaptive Postfiltering Applied to Speech in Noise", Midwest Symposium on Circuits and Systems, pp. 101-104, August 14-15, 1989.
/PL/	Clarkson, et al., "Envelope Expansion Methods for Speech Enhancement", J. Acoust. Soc. Am., Vol. 89, No. 3, pp. 1378-1382, March, 1991.
/PL/	Packaging Parade, Bulk Merchandising Display, No. 6, page 85, May, 1948.

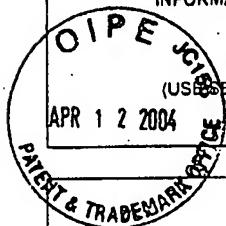
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FORM PTO-1449

U.S. DEPARTMENT OF COMMERCE  
PATENT AND TRADEMARK OFFICEATTY. DOCKET NO.  
SRSLABS.323AAPPLICATION NO.  
10/734,776INFORMATION DISCLOSURE STATEMENT  
BY APPLICANT

(USE SEVERAL SHEETS IF NECESSARY)

APPLICANT  
Alan Kraemer, et al.FILING DATE  
December 12, 2003GROUP  
Unknown

## U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE (IF APPROPRIATE)
/PL/	1	4,555,795	11/1985	Bedini			
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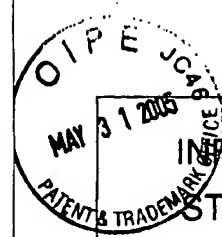
## FOREIGN PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
							YES	NO
/PL/	11	0097 982 A3	01/1984	EPA -- Carver				
	12							
	13							
	14							
	15							
	16							

EXAMINER INITIAL	OTHER DOCUMENTS (INCLUDING AUTHOR, TITLE, DATE, PERTINENT PAGES, ETC.)	
	17	
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PTO/SB/08 Equivalent

<b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>  (Multiple sheets used when necessary)  SHEET 1 OF 1	Application No.	10/734,776
	Filing Date	December 12, 2003
	First Named Inventor	Alan Kraemer
	Art Unit	2644
	Examiner	Unknown
Attorney Docket No.		SRSLABS.323A

U.S. PATENT DOCUMENTS					
Examiner Initials	Cite No.	Document Number Number - Kind Code (if known) Example: 1,234,567 B1	Publication Date MM-DD-YYYY	Name of Patentee or Applicant	Pages, Columns, Lines Where Relevant Passages or Relevant Figures Appear
/PL/	1	3,161,727	12/15/64	Recklinghausen, Daniel R.	
/PL/	2	5,555,306	09/10/96	Gerzon et al.	

FOREIGN PATENT DOCUMENTS						
Examiner Initials	Cite No.	Foreign Patent Document Country Code-Number-Kind Code Example: JP 1234567 A1	Publication Date MM-DD-YYYY	Name of Patentee or Applicant	Pages, Columns, Lines Where Relevant Passages or Relevant Figures Appear	T <sup>1</sup>
/PL/	3	GB 2 053 624 A	02/04/81	United Kingdom		

NON PATENT LITERATURE DOCUMENTS			
Examiner Initials	Cite No.	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T <sup>1</sup>

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Examiner Signature	/Ping Lee/	Date Considered	07/26/2007
<b>*Examiner:</b> Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.			

T<sup>1</sup> - Place a check mark in this area when an English language Translation is attached.